BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of the Work: Repairs and Maintenance to Public Toilet in Ward No. 10 (Doddabommasandra)

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	63.95	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5	Cum	322.92	Rupees Three Hundred Twenty Two and Ninety Two Paise Only
2	6.88	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Pg.no-12/Item.no-4.3)	Cum	5510.16	Rupees Five Thousand Five Hundred Ten and Sixteen Paise Only
3	10.16	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Pg.no-23/Item.no-5.6)	Cum	4963.68	Rupees Four Thousand Nine Hundred Sixty Three and Sixty Eight Paise Only
4	12.79	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Inluding cost of all labour complete as per speicifications. Specification No.KBS 2.9(P.No7, I.No.2.1)	Cum	217.08	Rupees Two Hundred Seventeen and Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
5	19.25	KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications(Pg.no-9/Item.no-3.2)	Sqm	114.48	Rupees One Hundred Fourteen and Forty Eight Paise Only
6	15.60	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. (Pg.no-15/Item.no-2.8)	Sqm	278.64	Rupees Two Hundred Seventy Eight and Sixty Four Paise Only
7	16.87	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications (Pg.no-13/Item.no-4.10)	Cum	6276.96	Rupees Six Thousand Two Hundred Seventy Six and Ninety Six Paise Only
8	6.06	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.(Pg.no-13/Item.no-4.12)	Cum	6528.60	Rupees Six Thousand Five Hundred Twenty Eight and Sixty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
9	19.68	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.32)	Sqm	492.48	Rupees Four Hundred Ninety Two and Forty Eight Paise Only
10	22.71	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.34)	Sqm	315.36	Rupees Three Hundred Fifteen and Thirty Six Paise Only
11	24.50	KSRB 4-6.11: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No.KBS 4.6.2	Sqm	561.60	Rupees Five Hundred Sixty One and Sixty Paise Only
12	3.10	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3. TMT Bars Fe 500 (P.No.17, I.No.4.46.2)	Tonne	76643.28	Rupees Seventy Six Thousand Six Hundred Forty Three and Twenty Eight Paise Only
13	44.55	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 5.27.1 - do - with solid concrete blocks of size 400x200x200mm	Sqm	1029.24	Rupees One Thousand Twenty Nine and Twenty Four Paise Only
14	33.21	KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4.(P.No.25, I.No.5.28)	Sqm	875.88	Rupees Eight Hundred Seventy Five and Eighty Eight Paise Only
15	19.25	KSRB 15-3.14: Providing 12mm thick cement plaster in single coat with cement mortar 1:4 (with lime rendering) to ceiling inclunding & rounded off corners wherever required smooth rendering Providing & removing scaffolding, including cost of materials, labour curing complete as per specification (P.No.114, I.No.15.22)	Sqm	220.32	Rupees Two Hundred Twenty and Thirty Two Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
16	62.24	KSRB 15-3.4, : Providing 15mm thick cement plaster in single coat with cement mortor 1:3 (with lime rendering) to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.113, I.No.15.14)	Sqm	224.64	Rupees Two Hundred Twenty Four and Sixty Four Paise Only
17	38.13	KSRB 15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.114, I.No.15.17)	Sqm	264.60	Rupees Two Hundred Sixty Four and Sixty Paise Only
18	20.97	KSRB 14.14-5: Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms.(P.No.106, I.No.14.36.2)	Sqm	1306.80	Rupees One Thousand Three Hundred Six and Eighty Paise Only
19	29.40	Providing and fixing of clay tiles for cladding tiles of size 230x75x10 mm thick on 12mm thick cement mortar 1:3 & jointed with Adhesive/ cement slurry over rough plaster surface excluding cost of rough plasterd surface and the surface is painted with red apex paint and black apex paint into the groves.(Page no-110/Item no-14.68)	Sqm	1620.00	Rupees One Thousand Six Hundred Twenty Only
20	38.13	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with anti fungal paint for top coat of of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specification.(P.No.125, I.No.15.104)	Sqm	194.40	Rupees One Hundred Ninety Four and Forty Paise Only
21	40.25	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty, scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scafolding etc., complete as per specifications (page no. 126, item no.15.106)	Sqm	84.24	Rupees Eighty Four and Twenty Four Paise Only
22	40.25	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications (P.No.117, I.No.15.51.2)	Sqm	97.20	Rupees Ninety Seven and Twenty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
23	2.00	KSRB 11-5: Providing and fixing White vitreous china clay, Water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10lire low level P.V.C flushing cistern (All are approved make) with fitting, C.I/M.S.brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No.77, I.No.12.5)	No	5352.48	Rupees Five Thousand Three Hundred Fifty Two and Forty Eight Paise Only
24	4.00	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	No	3786.48	Rupees Three Thousand Seven Hundred Eighty Six and Forty Eight Paise Only
25	2.00	KSRB 11-11.1: Providing and fixing White vitreous china clay flat back wash basin size 630x450 with a pair of 15mm C.P Brass pillar taps with C.I / M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No.80, I.No.12.23)	Unit	4327.56	Rupees Four Thousand Three Hundred Twenty Seven and Fifty Six Paise Only
26	10.00	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.((P.No.88, I.No.12.111)	Each	162.00	Rupees One Hundred Sixty Two Only
27	8.00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate inclusive of cost of materials and fixtures and conveyance of materials to work spot).(P.No.88, I.No.12.113.1)	Each	270.00	Rupees Two Hundred Seventy Only
28	10.00	KSRB -13-6.1-1Providing and fixing in position brass Bib Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications..(P.No.91, I.No.13.23)	Each	205.20	Rupees Two Hundred Five and Twenty Paise Only
29	5.00	KSRB13-6.2-1:Providing and fixing in position brass Stop Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No.91, I.No.13.26)	Each	152.28	Rupees One Hundred Fifty Two and Twenty Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
30	2.00	KSRB 12-8.1: Constructing Brick masonry inspection chamber 450x450mm and 450mm depth, (Clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 CI cover with frame (light duty) 450x450mm (P.No.73, I.No.11.50.2)	No's	9169.20	Rupees Nine Thousand One Hundred Sixty Nine and Twenty Paise Only
31	49.56	KSRB-7.9: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (Consider 21 Kg/ Sqm) (P.No.32, I.No.7.9)	Kg	102.60	Rupees One Hundred Two and Sixty Paise Only
32	2.00	Providing and fixing manhole cover of size 600x600mm of 100kg weight including with all lead & lift, loading & unloading, cost of materials and other incidental charges etc., complete as per specification and as per the directions by the Engineer in charge of the work.(P.No.XXXII)	Each	5309.54	Rupees Five Thousand Three Hundred Nine and Fifty Four Paise Only
33	25.00	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.)20mm nominal OD pipes(page.no-96/Item.no-13.86) 20 mm pipe	Mtr	253.80	Rupees Two Hundred Fifty Three and Eighty Paise Only
34	38.00	25mm pipe	Mtr	316.44	Rupees Three Hundred Sixteen and Forty Four Paise Only
35	45.00	Providing and fixing to wall, ceiling and floor unplasticised 110mm PVC 6.00 kgf/sq.cm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floorfor sanitary pipelines including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.(Page.no-88/Item no-12.116)	Mtr	468.72	Rupees Four Hundred Sixty Eight and Seventy Two Paise Only
36	0.06	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No.KBS 9.33 (P.No.51, I.No.9.11)	Cum	94612.32	Rupees Ninety Four Thousand Six Hundred Twelve and Thirty Two Paise Only

No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
37	1.89	KSRB 9.5-2: Providing and fixing in position fully panelled Honne wood shutter for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour. HOM of machinary complete as per specifications. (excluding cost of fixtures) Specification No.KBS 9.34.(P.No 51, I.No.9.15)	Sqm	5099.76	Rupees Five Thousand Ninety Nine and Seventy Six Paise Only
38	9.45	Providing and fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S tube of 19gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC C channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., complete as per manufacturers specification & direction of Engineer - in - charge fixed to frames with 3 nos of 75mm Aluminium hinges.(P.No.57, I.No.9.83)	Sqm	2999.16	Rupees Two Thousand Nine Hundred Ninety Nine and Sixteen Paise Only
39	7.00	Providing and fixing fixtures for PVC door shutters including with all accessories etc., complete as per specification and as per the directions by the Engineer in charge of the work. Tower bolt	Each	82.37	Rupees Eighty Two and Thirty Seven Paise Only
40	7.00	A1 drop	Each	108.00	Rupees One Hundred Eight Only
41	12.00	Alluminium Handles	Each	18.36	Rupees Eighteen and Thirty Six Paise Only
42	3.11	KSRB 15-17.4: Providing and applying painting two coats (including priming coat) on new wood surface and /or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreing matter, sand papering including cost of materials, labour, complete as per	Sqm	54.00	Rupees Fifty Four Only
43	63.95	Conveying the excavated earth (leadcharges) to a with lead of 10 kms with all lead and lift. Including loading and unloading charges etc., complete as per direction of Engineer in charge (Data rate Approved)	Cum	89.00	Rupees Eighty Nine Only

"NO OF CORRECTION NIL"
"DTS APPROVED"
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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

24/04

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

24/04

Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))